

TCTGTTGCACCCTGGACCCAGACTCCTCAATCCACCCAGGGTGGTGTCTGTGG  
GGAGGGGGTTCACTTCCCCAGGAAGCACAGCCACGCCGTCCTCACTGGCCT  
CGTCAAGCAGAGCTGTGTGTCCAGTGGCTTTTGCTGGGGCCCCCTCCTTATCT  
CCTTCCAAGGTGGGGGTGTTTGGAGGTGGAGGAGGCTTTCATATTCCGTGCC  
ATGACCCCTCAAGGCGGGCCATTCTGTGTGCACCCTCCACCCCCAGT

FIG. 1

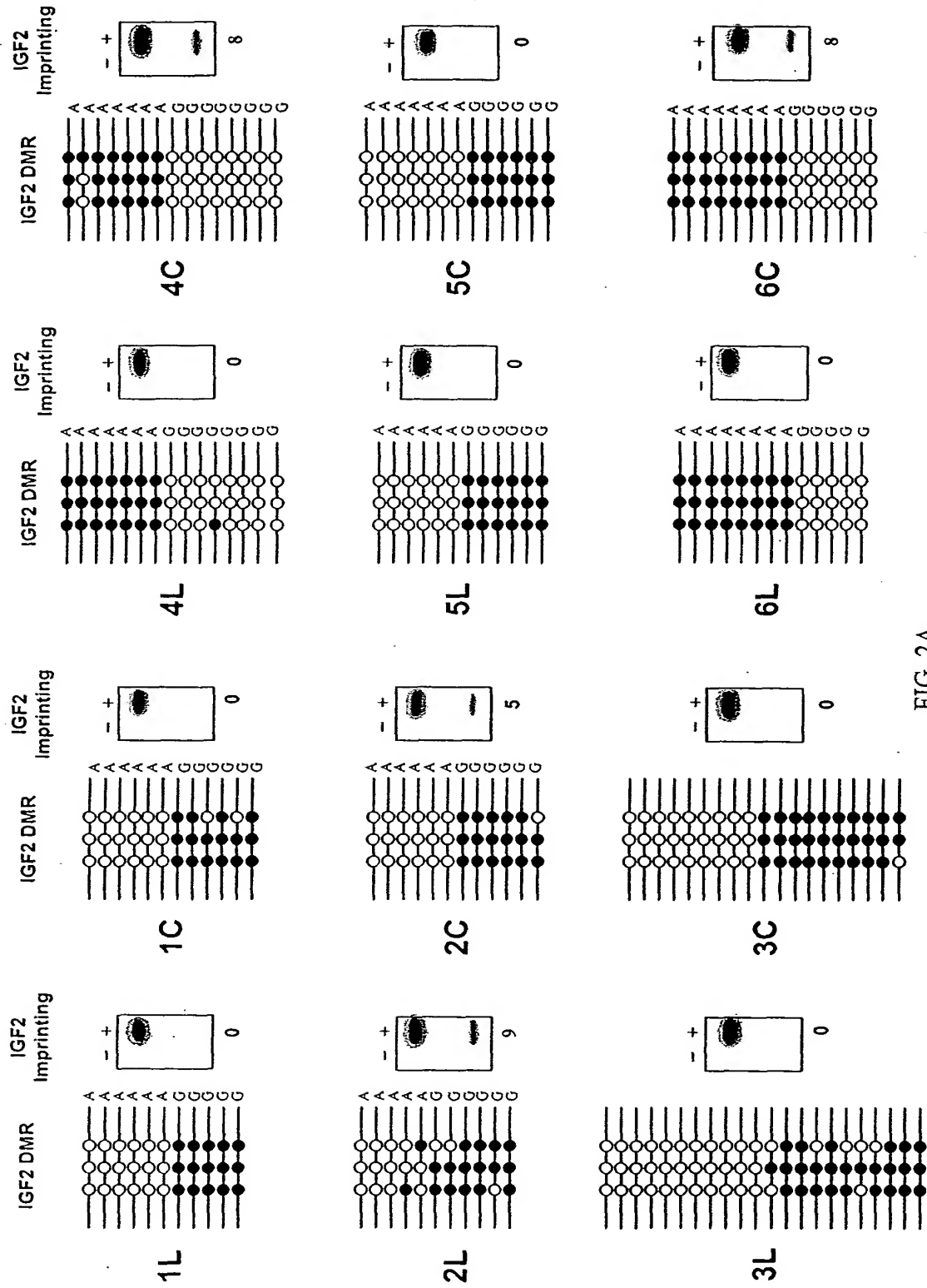


FIG. 2A

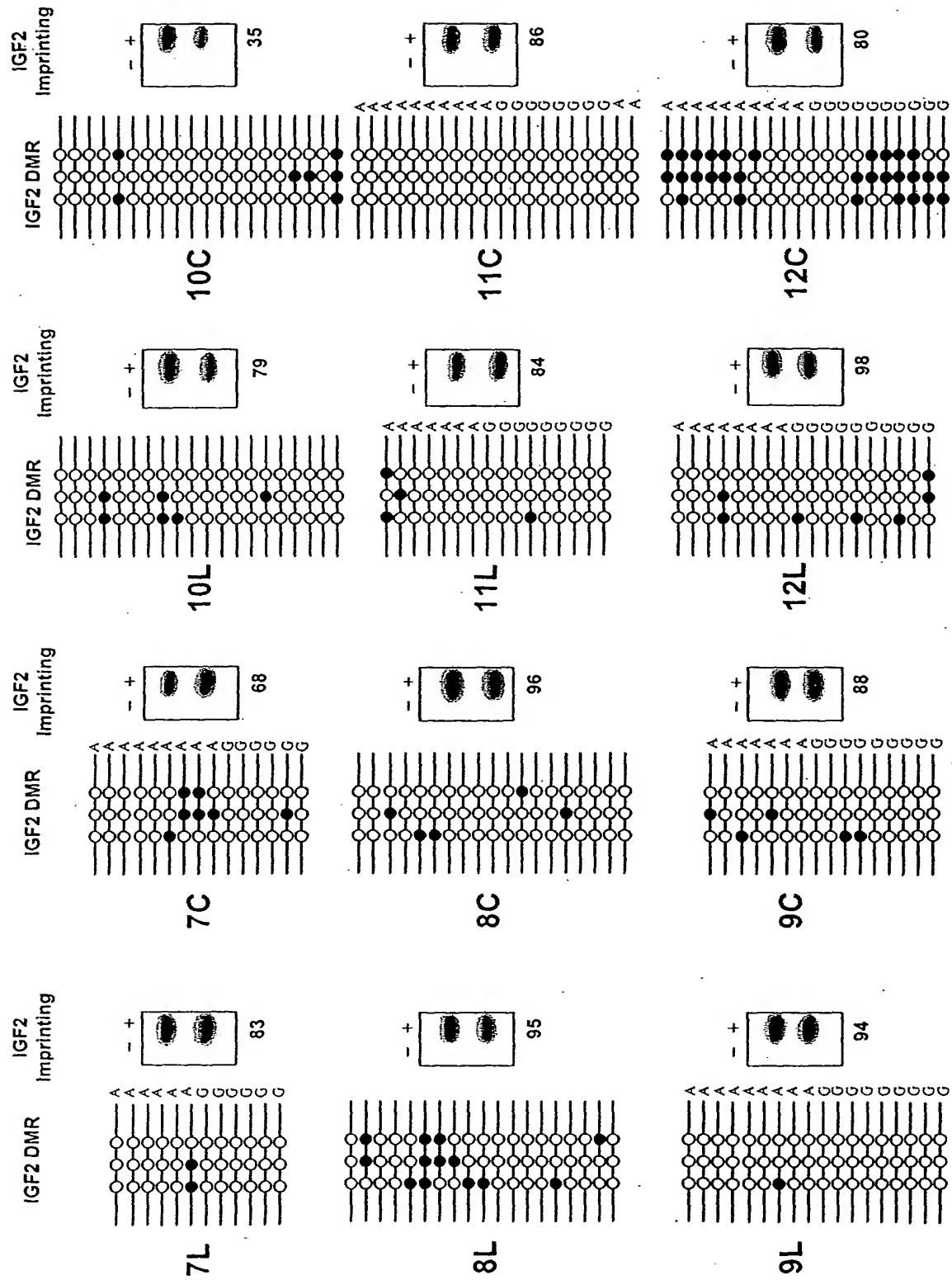


FIG. 2B

GCAACAGTGATGTAATCCTAGGAGCAATTTGAGGAGGTAAAAATCTTTC  
 AGCCTCCAGATGTGTGACTCCATGACTCCTAAACCATAATTTCTAATCTGT  
 GGCTAATTTGTTAGTCCTGAAAGTCTAGTCCCCAGGCAGGAAGAGGGTCT  
 GTCCTGGGAAAGGGCTGTTATTGTCTTTGTTTCAAAGATAAACTATAAACT  
 AAGTTCTTCCCAAAGTTAGTCCAGCCTGCACCCAGAAATGAATAAGAAGG  
 CAAGACAGAGTTGGTTACGTCAGATCTCTTTCATTGTCATAATTTTCTGTT  
 ATATATTTTTTTTTTTTTGAGACAGAGTTTCGCTCTTATCATCCAGGCTGGA  
 GTCCAATGGCTCGATCTTGGCTCACTGCAACCTCCACCTCCGGAGTTCCAG  
 TGATTCTCCTGCCTCAGCCTCCCAAGTAGCTGGGATTACAGGCGCCACCA  
 CCATGCCCAGCTAATTTTTGTATTTTAGTAGAGATGGGATTTCTGTCAGGT  
 TGGCCAGGTTGGTCTTGAACCTCCTGACCTCAGGTGATCCACCCACCTCGGC  
 CTCCCAAACCTGCTGGGATTACAGGCATGAGCCACCATCGCCGGCCGATTT  
 TCTGTAATAATTTTTGCAGAGGCGGTTTCACCAGGAGAACCAAGCATTAA  
 TGCCTGTGGCTGATGTGTAGTAGAGCGGCATTTCCCAATGGGAGAACCC  
 TGGGGCTGTCTAGGAGCCCATGCATGGCTGGGAGCCTAATCCCAGGGACA  
 CCACCGATGACAGCTCCCATAGCACGTAGGACAGTGGATACTTGGAGGCA  
 AAGAGAAATCTCTGTTCTGCAGTGGTCATGACTTGGACCCCAAAGAACTT  
 GAGCCCAAGGTCCAGAGGGAGACCCTCCCAACAAGGCCTCCAGCAGGAA  
 CAGGGATCGTGGGAGCCTGCCAAGCACAGCGCACAGGTATTTCTGGAGGC  
 TTCCCATTCAGTCTTGGATGCCAGCCTCACCAAGGGCGGCCCATCTTGCTG  
 ACCTCACCAAGGGAGGCCCCGTCTACTGCCCTGATGGCGCAGAATCGGCT  
 GTACGTGTGGAATCAGAAGTGGCCGCGCGGCGGCAGTGCAGGCTCACACA  
 TCACAGCCCGAGCACGCCTGGCTGGGGTTACCCACAGAAACGTCCCAGG  
 TCTCCCAGGCCAGGTGCCGCATTGGTTCCCGAGGGTTGTCAGAGATAGAC  
 ACTCATGCGACTAACATCGGGCTATGTGTTTGATTACCCCCAGGGTGCATT  
 GTTGAAGGTTGGGGAGATTGGAGGAGATGCTTGGGGGACAATGAGGTGTC  
 CCAGTTCCTTGGATGATAGGGATCTCGGCCTAAGCGTGAGACCCCTCCTAC  
 AGGGTCTCTGGCAGGCACAGAGCCTGGGGGCTCTTGCCATAGCACATGTGT  
 ATTTCTGGAGGCTTCCCCTTCGGTCTCACCGCCCCGATGGTGCAGAATCGG  
 TTGTAGTTGTGGAATCGGAAGTGGCCGCGCGGCGGCAGTGCAGGCTCCCA  
 CATCACAGCTCAAGCCCGCCCCAGCTGAGGTTACCCGCGGAAACGTCCC  
 GGGTCACGCAAGCTAGGTGCCGCAAGGTTACGGGGGTAGTGAGGGATA  
 GAACACTCATGGGAGCCACATTGGGCTACGTGTCTGATTCACCCCAGGGT  
 GCACTATTGAGGGTTGGGGAGATGAGATACTTTGGTGACAATGAGGTGTC  
 CCCATTCTTTGGATGATGGGGATCTCGGCCTCAGCGTGAGGCCCTCCAC  
 AGGGTCTCTGGCAGGCACAGAACTGGGGGCTCTTGCGTAGCACATGGGT  
 ATTTGTGGACGCTTCCCCTTCTGTCTCACCAACCGGATGGCACAGAATCGG  
 TTGTAAGTGTGGACTCAAAAGTGGCCGCGCGGCGGCAGTGCAGGCTCACA  
 CATCACAGCCCAAGCCCTCCCTGGATGGGGTTCGCCCCGCGGAAACGTCTT  
 GGGTCACCCAAGCCAGGTGCCGCAGGGTTCTCGGAGGTCTTCTGGGAATA  
 GGACGCTCATGGGAGCCACACCAGTCTTCGTATCGGGCCATATCCACGG  
 CCGCGTGGCCCCAGGTACACTCTGAGGGCTTCAGTGTCATGGCCTGGGA  
 CTCAAGTCACGCCTACCCGCGTGATGAGCACAGCAAATCCAACAAAAGC  
 TTATACTTTCCACATCCATCCCAGAGCACAGATCCGACTAAGGACAGCCC

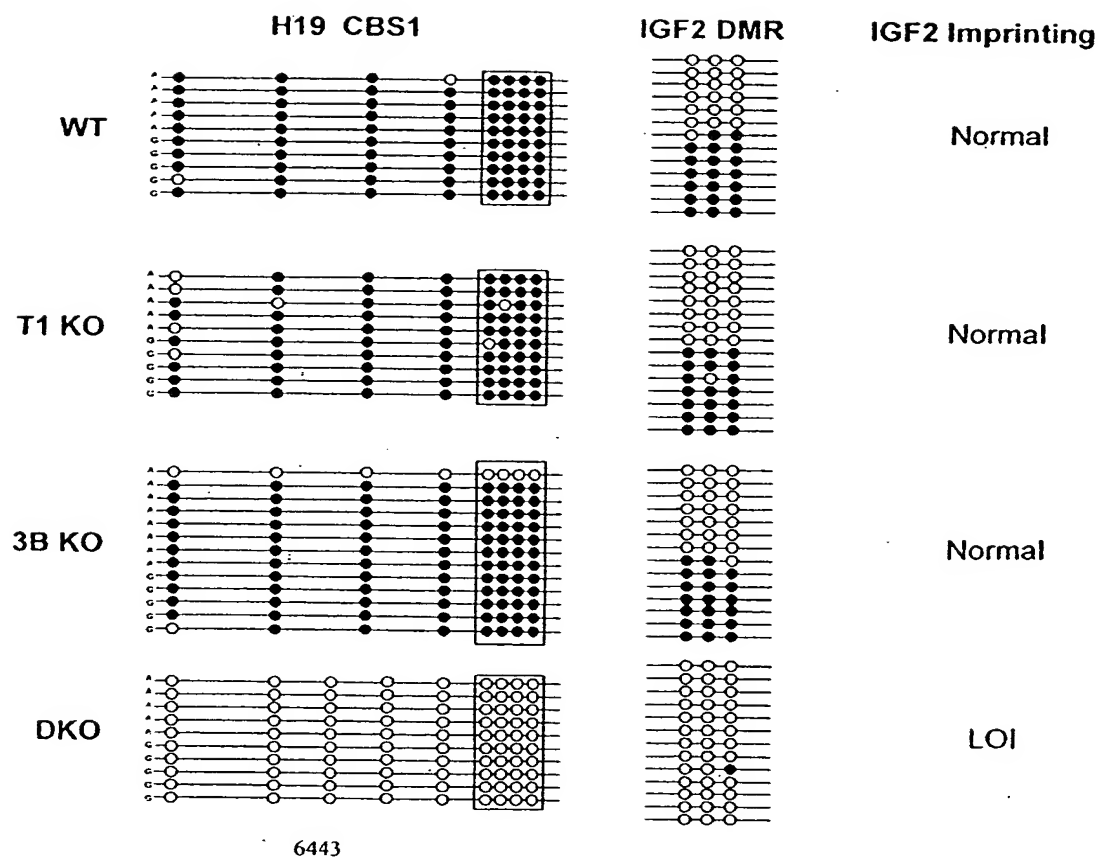
FIG. 3-1

CCAAATCCCGAGCCTTTTTCTGAACTGACAATTGCCTCCCCAGTGAACACT  
 CTGAGCTTGTCAATCTTAAGTGGCCAGACATTAACATTCCCATTCAAGTGCA  
 GGTTTGAGATGCTAATTTAGGAGCTTGAGATGCTAAAGAGCTGGGAGTGC  
 CACTGCTGCTTTATTCTGGGGTCTAGGATCCTTGTGTTGGCTGAGATAATC  
 TGCTAATGTGGGTGCAGCAGACATCCCGCGGTTTGTGGAATCGATAAAGG  
 ATGGGGATCAATGGTGTGTTGTGCACTGTGCGGTCTGTGCCCAATTGCCTGC  
 CTTGTGCTGTGGAATCTGTACACCTGGCCAACATGTGCTTGTGTGAGCCTG  
 ACAGTGCATTTTCCAGAGCCTCACCTCGGCTCTGCCCTGGAGGCTCTGTGC  
 TGCTGGAATCAGACTCAAGGACCTCATCAGAGGACCATGGCCCCGTATCA  
 CCTGGGTCAGGCACTGAAGCTGGGACAGGAGAGCAGAGACTTCCAAAAT  
 GAGGGATCCCTGTGTTCTGAGGTGATCATGACTGGGACCCAAGGACTCAA  
 GCGCATGCTCCAGAGGGAATCGTTTCCCACAAGGCCTTTGGCAGGAACAG  
 GGATCCTGGGAGCCTGCCAAGCAGAGCGCACAGTGTTCTTGGAGTCTCGC  
 TGCCCAGATGCCACGGAATCAGTTGAAGGTATGGAAACACAGGTGGCCAC  
 GTGGTAGCAGGGCAGGCTCAGGCGTCATAGCCCGAGCCCGGCTACCTGTG  
 GTTTGCCTGCAGAAACATCCCGGGTCAACAGGCCAGGCACCGCATTGGTT  
 CGCGAGGGTTCATCGGGGGTAGGACCCTTGTACGAGCCACATCGGGCTACG  
 TGCTGATTACCCCCAGGGTGCCTGTTGAAGGTGGGGAGATGAGAGGA  
 GATACTTGGGGGACAGTGAAGTGTCCCCATTCTTTGGATGATGGGGATCT  
 CGGCCTCAGCGTGAGACCCCTCCCACAGGGTCTCTGGCAGGCTCAAGAGC  
 CCAGGGGCTCTTGATAGCACATGAATATTTCTGGAGGCTTCCCCTTCAGT  
 CTCACACCCCGGATGGTGCAGAATTGGTTGTAGCTGTGGAATCGGAAGTG  
 GCCGCGTGGCGGCAGTGCAGGCTCACACATCACAGCCCGAGCCCAACCCA  
 GCTGGGGTTTCGCCC GCGGAAACGTCCCGGGTCCCGCAAGCCAGGCGCCGC  
 AGGGTTCACGGGGGTCATCAGGGATAGGACATTCATGGGAGCCACATCGG  
 GCTATGTGTCTGATTACCCCCAGGGTGCCTATTGAGGGTTGGGAAGATG  
 AGAGGAGATGCTTGGGGGACAATGAAGTGTCCCCATTCTTTGGATGATGG  
 GGATCTTGGCCTCAGGGTGAGATCCTTCTTGCAGGGTCTATGGCAGGCAC  
 AGAGCCCGGGGGCTCTTGATAGCACATGTGTATTTCTGGAGGCTTCCCCT  
 TCAGTCTCACCGCCCGGATGGCACGGAATTGGTTGTAGTTGTGGAATCGG  
 AGGTGGCTGCGCGGCGGCAGTGCAGGCTCACACATCACAGCCCGAGCCCG  
 CCCCAGCTGGGGTTTCGCCC GTGAAACATCCCAGGTCATCCAAGCCGGGC  
 GCCACAGGGTTCACAGGGGTCTGTAGGTATAGGACACTCATGGGAGCCAT  
 ATCGGGCTACGTGTCTGATTACCCCCAGGGTGCCTGTTGAAGGTGGGG  
 AGATGGGAGGAGATACTAGGGGAACAATGAGGTGTCCCAGTTCCATGGAT  
 GATGGGGATCTCGGCCCTAGTGTGAAACCCTTCTCGCAGGGTCTCTGGCA  
 GGCACAGAGCCCGGGGGCTCTTGATAGCACATGGGTATTTCTGGAGGCT  
 TCTCCTTCGGTCTCACCGCCTGGATGGCACGGAATTGGTTGTAGTTGTGGA  
 ATCGGAAGTGGCCGCGCGGCGGCAGTGCAGGCTCACACATCACAGCCCGA  
 GCCCGCCCCAACTGGGGTTCGCCC GTGAAACGTCCCGGGTCAACCAAGC  
 CACGCGTCGCAGGGTTCACGGGGGTCATCTGGGAATAGGACACTCATAGG  
 AGCCGCACCAGATCTTCAGGTCGGGCATTATCCACAGCCCCGTGGCCCCG  
 GGTCACACTCCGAGGGCTTCAGTGTATGGCCTGGGACTCAAGTCACGCC  
 TACTTATGTGATGATCACAGTGTGTTCCACCAAATCTTACATTTCCACA

FIG. 3-2

TCTATCCCAGAGCACAGCTCCGACTCCGTCTAAGGACAGCCCCCAAATCC  
CCAGCCTTTTACTGAACTGACAATTGCCTCCCCAGTGAACACTCTGATCTC  
CTCAGCCCTAAGTGGCCAGACATTAACATTCTCATTCAATGCAGGTTTGAG  
GTGCTAATTCAGGAGCTTAAGATGCTAAAGAGCTGGGAGCGCCACTGCTG  
CTTTATTCTCTGGTCCAGGATCCTTGTGTTGCTGGAGATAATCCATTATCGT  
GGGTGCAGCAGACACCCTGCGGCTTGTGGACTCGGTACGGGGTGGGGATC  
CTGATGGGGTTAGGATGTTTCGATGGCTCGGGTGTGCTCCACGCTCAGGGA  
TCATCACGTCCGGCCGGCGGTAGTTGGCACGTGGAGAGGTGAATTTGCCC  
ACAGGTGTTCCCCGTGCCTGCGCATTGCTGGCAGCACGACCGGATCCTGT  
GCTAGCCCCCTCCCACAATGCCTGGAGCAGGAGCGAGGGGCCTGGGGAGCC  
GCCTTGCTGGAGCATTTGTATTTCCGGAGTATTTCTGAGTCTCCCCTTG  
GGTCTTGGGTGCTGTCCCCAGTGAGCCCATCTCCAGCGATGGCACAGAA  
TCGGTTGTGGCTGTGGAGACGGAAATGGCCGAGAGGCGGCAGTGGTGACT  
CACATCACAGTCTGAAGGTGACCCAAGGCTGGACTCCACTTTTAGCAAAA  
TGTGGGGGTCTGCCTTGGTCTCCTAACTTGGGGGTCCACTCATGGAAGC  
CTGAGAATTTTCATGCCATGGAAATCCCCCATGTCGTGGGGTTCACGCAC  
GACAAAGCCC GGCGGT CAGTGCTCAGCAGGCAAGCACTCAGCCCTTTCCG  
GTGGGGCCATGGGAACAGAGGGTTTGCCGAAGGCGCGGCCAGCCCTTCCA  
CATCCCAGAGGGCCTGCTGCGTGATTGGACCCGTGAACTCTGGGTCCCTTG  
GCCCTGGTGCTCCCCTTCACGGCTTTGACACTCGAGACTTGAGGTGAACCC  
CAGGGACTGCAGGGCCCCAACAAACCCTCACCAAAGGCCAAGGTGGTGAC  
CGACGGACCCACAGCGGGGTGGCTGGGGGAGTCGAACTCGCCAGTCTCC  
ACTCCACTCCCAACCGTGGTGCCCCACGCGGGCCTGGGAGAGTCTGTGAG  
GCCGCCCACCGCTTGTCAGTAGAGTGCGCCCGGAGCCGTAAGCACAGCC  
CGGCAACATGCGGTCTTCAGACAGGAAAGTGGCCGCGAATGGGACCGGG  
GTGCCCAGCGGCTGTGGGGACTCTGTCTGCGGAAACCGCGGTGACGAGC  
ACAAGCTCGGTCAACTGGATGGGAATCGGCCTGGGGGGCTGGCACCGCGC  
CCACCAGGGGGTTTGCGGCACTTCCCTCTGCCCCTCAGCACCCACCCCTA  
CTCTCCAGGAACGTGAGTTCTGAGCCGTGATGGTGGCAGGAAGGGGCCCT  
CTGTGCCATCCGAGTCCCCAGGGACCCGCAGCTGGCCCCCAGCCATGTGC  
AAAGTATGTGCAGGGCGCTGGCAGGCAGGGAGCAGCAGGCATGGTGTCC  
CCTGAGGGGAGACAGTGGTCTGGGAGGGAGAAGTC

FIG. 3-3



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FIG. 4

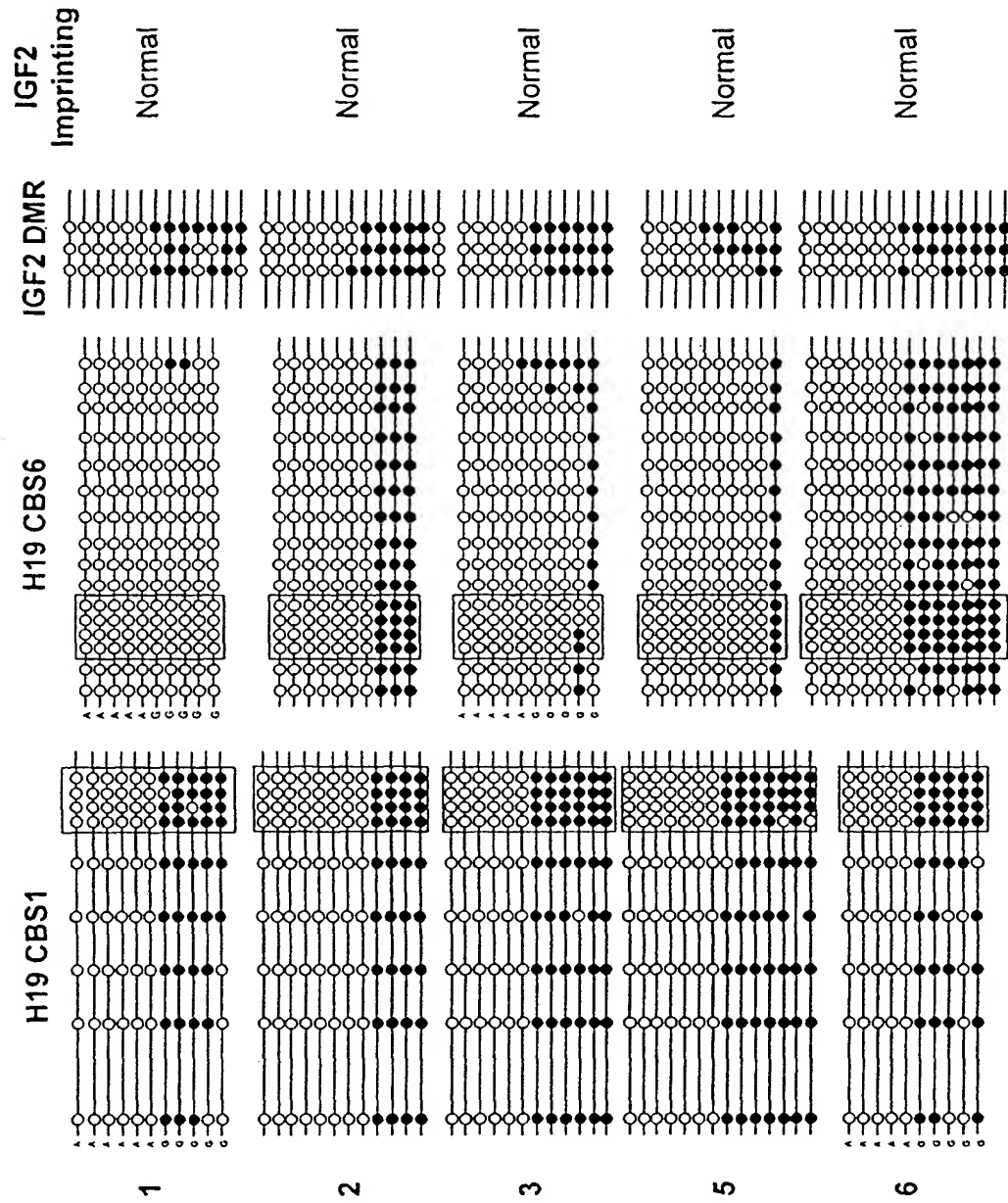


FIG. 5



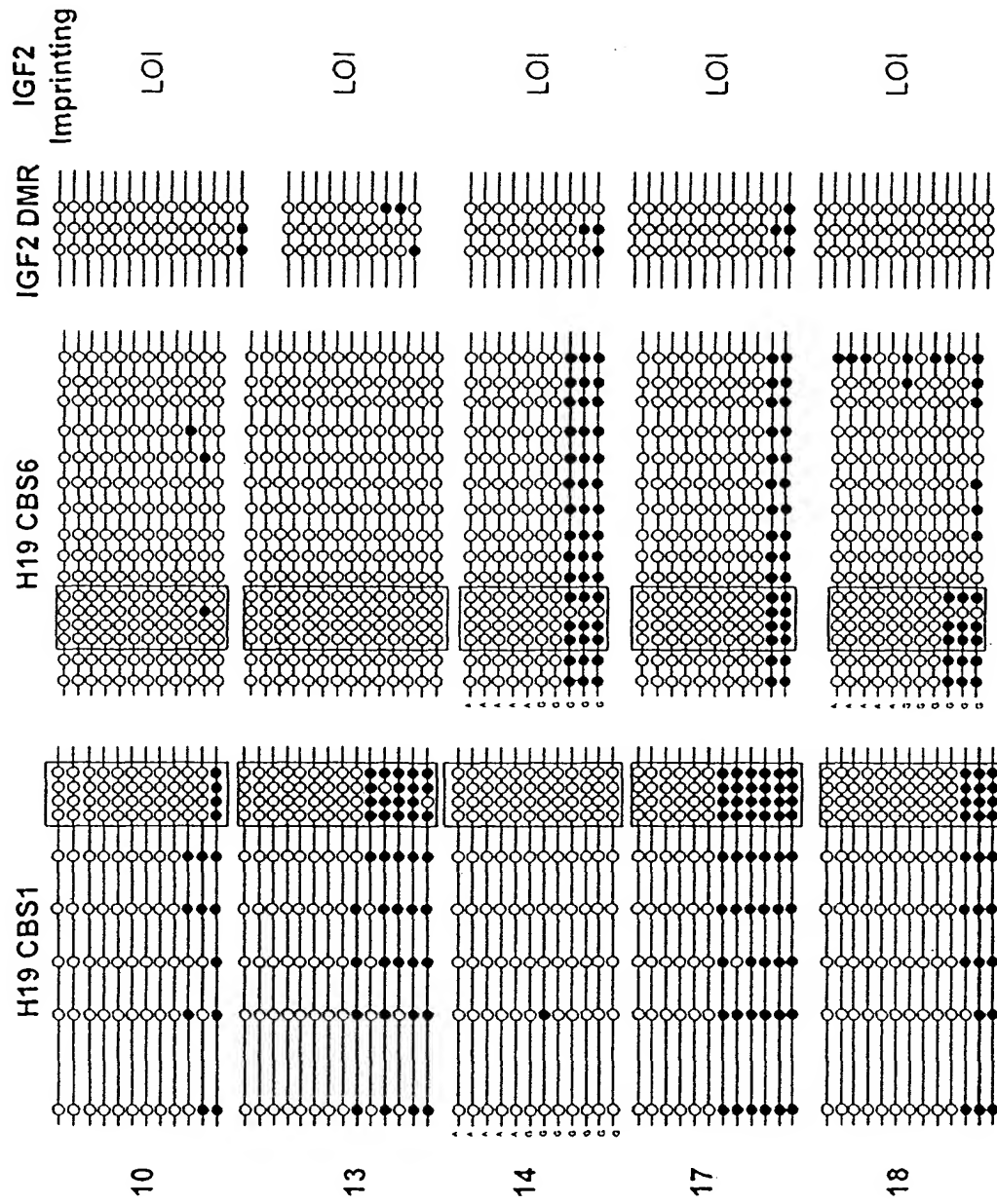


FIG. 6